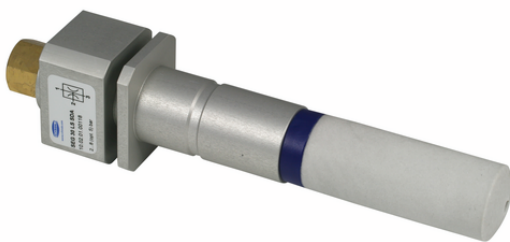


Basic Ejector

SEG 30 LS SDA



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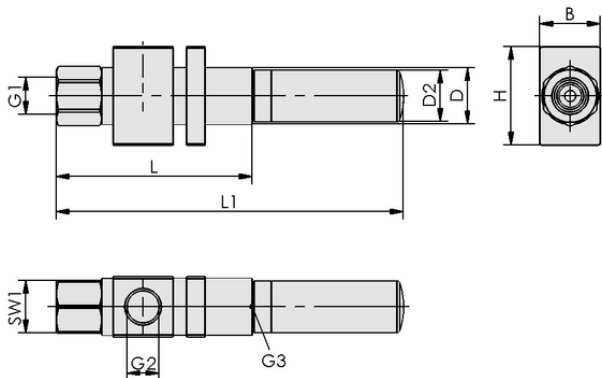
SEG 30 LS SDA

The basic ejector SEG is delivered as a ready-to-connect product.

Available spare parts: silencer

Technical data

Attribute	Value
Nozzle diameter	3.0 mm
Air consumption suction	392.0 l/min
Suction rate (max.)	370.0 l/min
Additional function ejector	Silencer axial
Shape	For high suction capacity



Design data SEG 30 LS SDA

Design data

Attribute	Value
Length L1	217.00 mm
Length L	127.00 mm
Width B	42.00 mm
Height H	50.00 mm
Outside diameter D2	32.0 mm
Outside diameter D	32.00 mm
Thread G1	G3/8"-F
Thread G2	G1/2"-F
Key width SW1	22.0 mm
Thread G3	G3/4"-F



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**Technical data**

Attribute	Value
Nozzle diameter	3.0 mm
Recommended hose internal diameter compressed air	6.0 mm
Recommended hose internal diameter vacuum	12.0 mm
Degree of evacuation	55.0 %
Sound pressure level suction	68.0 dB(A)
Sound pressure level free	75.0 dB(A)
Weight	404.0 g
Air consumption suction	13.843 cfm
Suction rate (max.)	13.066 cfm
Optimal operating pressure	5.00 bar
Pressure range (operating pressure) [bar]	43.5 ... 87.0
Operating temperature	-10 ... 80 °C
Optimal pressure	72.5 psi
Product family	SEG

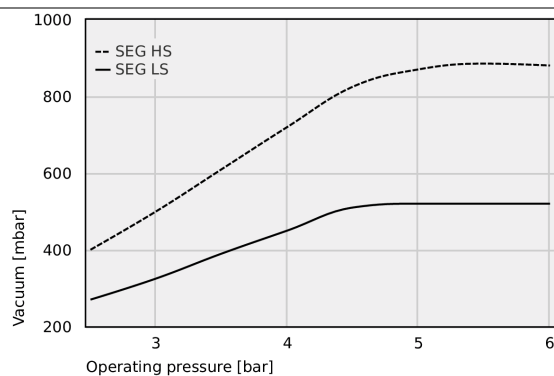
Note: Air consumption: At optimal operating pressure Hose diameter: For max. length 2 m



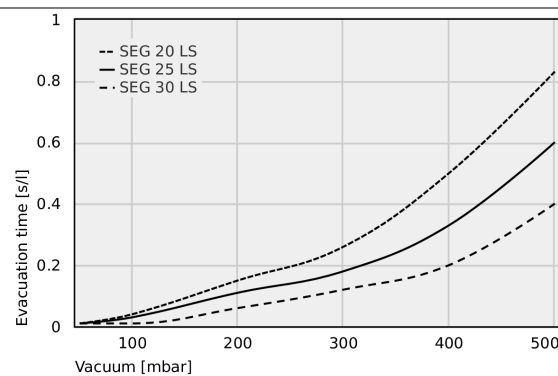
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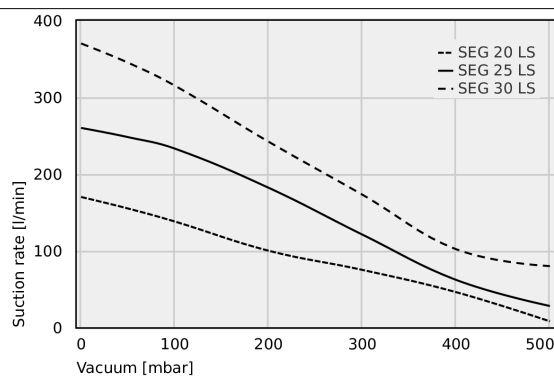
Performance data



Achievable vacuum at various operating pressures



Evacuation time for various vacuum ranges [s/l]



Suction rate at various degrees of evacuation [l/min]



Achievable vacuum at various operating pressures

	2.5	3	3.5	4	4.5	5	5.5	6
SEG HS	400.00	500.00	610.00	720.00	825.00	870.00	885.00	880.00
SEG LS	270.00	325.00	390.00	450.00	510.00	520	520	520



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**Evacuation time for various vacuum ranges [s/l]**

	50	100	200	300	400	500
SEG 20 LS	0.01	0.04	0.15	0.26	0.50	0.83
SEG 25 LS	0.01	0.03	0.11	0.18	0.33	0.60
SEG 30 LS	0.01	0.01	0.06	0.12	0.20	0.40

**Suction rate at various degrees of evacuation [l/min]**

	0	50	100	200	300	400	500
SEG 20 LS	170	155	138	100	75	46	8
SEG 25 LS	260	248	233	182	121	62	28
SEG 30 LS	370	345	315	242	173	102	80

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.02.01.00118**Ordering Data Accessories 10.02.01.00118**

Typ	Item number
Vacuum cup filter	VFT G3/4-IG 80 10.07.01.00128

**Ordering Data Spare Parts 10.02.01.00118**

Typ	Item number
Silencer (round)	SD G3/4-AG 31x90 SEG 10.02.01.00909